

# A cleaner, greener Hambleton

As the issues of climate change escalate, it is heartening to report that each year local Hambleton leisure centres are saving over 66 tonnes of CO2 from being released into the environment.

This energy-saving initiative to cut the area's carbon footprint is the result of a collaboration between Hambleton District Council and Powermaster, a Wakefield-based company that works to integrate energy-efficiency into the economic fabric of our society.

Hambleton District Council focused on cutting CO2 emissions from swimming facilities at Bedale, Hambleton and Stokesley Leisure Centres. As Geoff Renshaw of Powermaster explains, "The starting point for any successful energy saving plan is to determine early on just where energy can be saved. Large, immediate savings are likely to be found with the a/c motors that drive pumps and fans within swimming pools. These would normally run flat out 24 hours a day, 7 days a week. What a waste! So, here in Bedale, Hambleton and Stokesley, the Council decided to install variable speed drives to control these motors, which means that they can be slowed down and speeded up according to demand. And if you consider that a 20% speed reduction will give a 50% reduction in energy you'll see how it is that such a dramatic cut in CO2 output can be achieved so quickly."

David McGloin, Head of Technical Services for Hambleton District Council said: "This scheme is one of several measures being implemented by Hambleton District Council at its buildings to reduce energy consumption, reduce bills and help to combat climate change.



If we can reduce CO2 emissions we can make an important contribution towards reducing global warming and greenhouse gas emissions."

So what do these 66 tons equate to? Well, each of us produces around 7 tons of CO2 per year, so that's 9 or 10 people's worth of CO2. Or, the same amount of carbon as it would take to put 16,500 mangos on your local supermarket shelf. This may sound frivolous. But with a national government goal to achieve a 20% CO2 emission reduction by 2010, Hambleton really is paving the way for a fitter, greener future.

## Are You Pumping Money into the Atmosphere?

- Reduce Energy Costs by Diverting Surplus Heat to Colder Areas of Buildings.
- Make Huge Energy Savings by Reducing Your Swimming Pool Water Pump Energy Consumption.
- Monitor and Optimise Energy Efficiency With Our Intelligent IWEMS Technology.
- Save Energy and Reduce Air Handling Costs Without Compromising Air Quality.